

What is claimed is:

1. A method of sequentially exposing a field with an image of first and second reticles comprising:
 - simultaneously holding the first and second reticles and a calibration reticle on a reticle stage;
 - positioning the field in an exposure position;
 - scanning an image from the first reticle to expose the field;
 - repositioning the field to the exposure position; and
 - scanning an image from the second reticle to expose the field.
2. The method of claim 1, further comprising:
 - detecting an image of the calibration reticle; and
 - calibrating the system based on the detecting.
3. The method of claim 2, further comprising performing the calibrating in real time.
4. The method of claim 1, further comprising:
 - adjusting an exposure parameter between exposing the first and second reticles.
5. The method of claim 1, wherein:
 - the exposure parameter comprises exposure dose.
6. The method of claim 1, wherein:
 - the exposure parameter comprises partial coherence.
7. The method of claim 1, further comprising:
 - using a phase shift reticles as the first reticle; and
 - using a trim reticle as the second reticle.